

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of the claims in the above-captioned patent application:

**Listing of Claims:**

Claim 1 (currently amended): An electromagnetic assembly for an electromagnetic apparatus comprising:

a ring case comprising:

a first [end] portion having [an opening] a passage formed therein, wherein said passage has a first open end and a second open end; and

a second [end] portion having an annular groove formed therein;

a coil bobbin disposed in said annular groove, wherein said coil bobbin comprises:

a ring member comprising a tubular spool with a pair of annular flanges projecting radially from said spool; and

an electrical wire, wherein said electrical wire is wound around said spool between said flanges; and

a connector arrangement comprising:

a body portion; and

a projection portion extending from said body portion and into said [opening] passage, wherein a first end of said projection portion contacts said body portion, and a second end of said projection portion [directly] contacts one of said annular flanges [of said ring member] and is flush with said second open end of said passage.

Claim 2. (currently amended): The electromagnet of claim 1, wherein said [first] projection portion [of said connector] is fitted pressedly into said [opening] passage.

Claim 4. (currently amended): The electromagnet of claim 1, wherein a side surface of said [first] projection portion [formed on said connector] is fixed adhesively to an annular wall of said [opening] passage.

**REQUEST FOR RECONSIDERATION:**

Applicant is amending claims 1, 2, and 4 to better describe the claimed invention. No new matter is added by the foregoing amendments, and these amendments are fully supported by the specification. Applicant respectfully requests that the Examiner reconsider the above-captioned patent application in view of the foregoing amendments and the following remarks.